

## **ABSTRACT**

The invention relates to the ladder-type blue light-emitting polymers with excellent heat stability which are polymerized either grafting with blue luminescent monomers on the polymer backbones or adding fluorene to styrene monomers.

- 5 The above blue light-emitting polymers have a high glass transition temperature and a 5%-weight-loss temperature above 400 °C. Accordingly these polymers can be used as blue luminescent materials in the display devices and as luminescent cases for home appliances or cellular phones.

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